Beep: Use Case Diagrams

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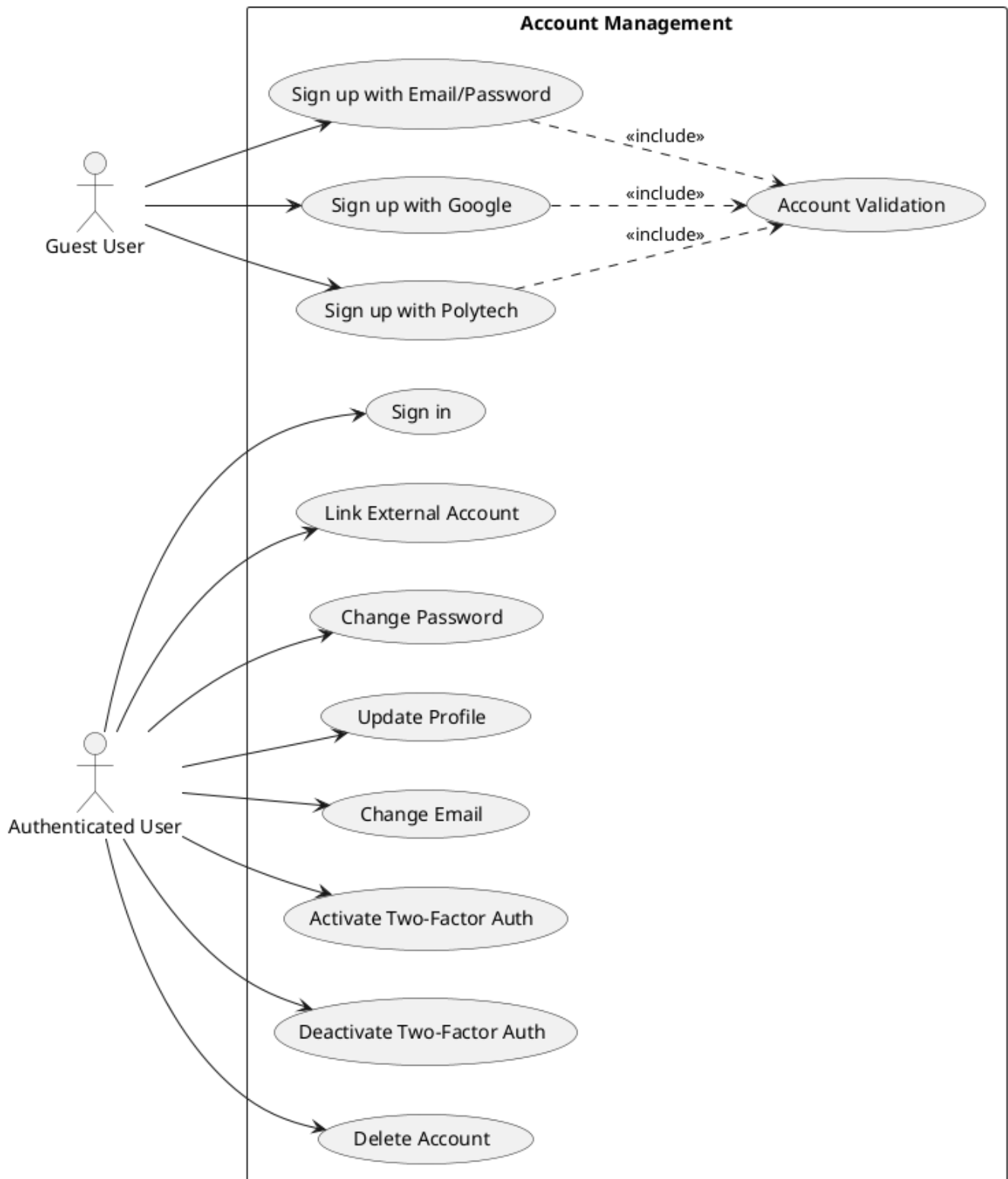## End-user capabilities

This diagram shows the high-level capabilities of different user types in the system.
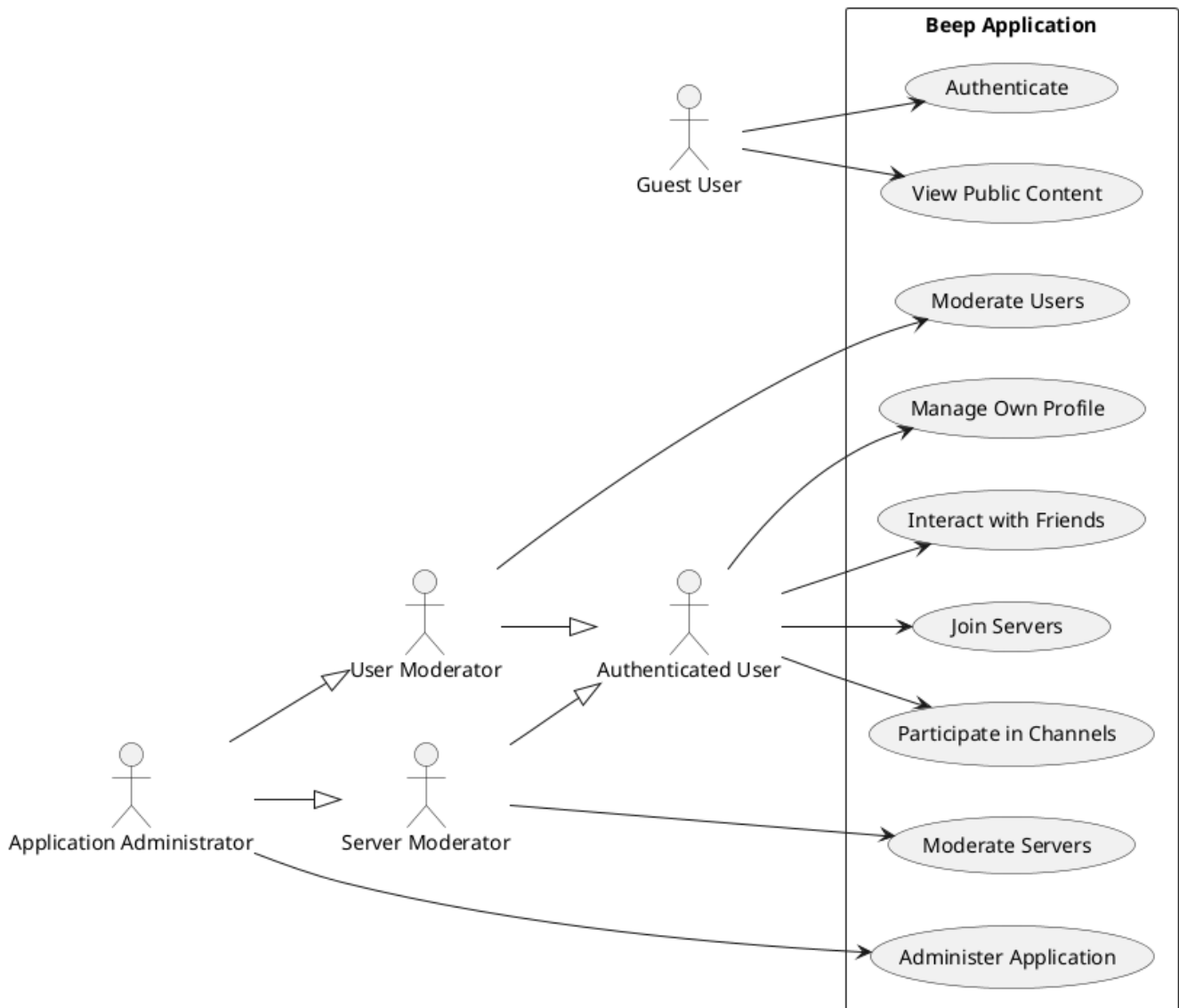
Account Management

The account management use cases detail how users manage their accounts in the system.

Social Interaction

This diagram illustrates how users interact socially within the platform.
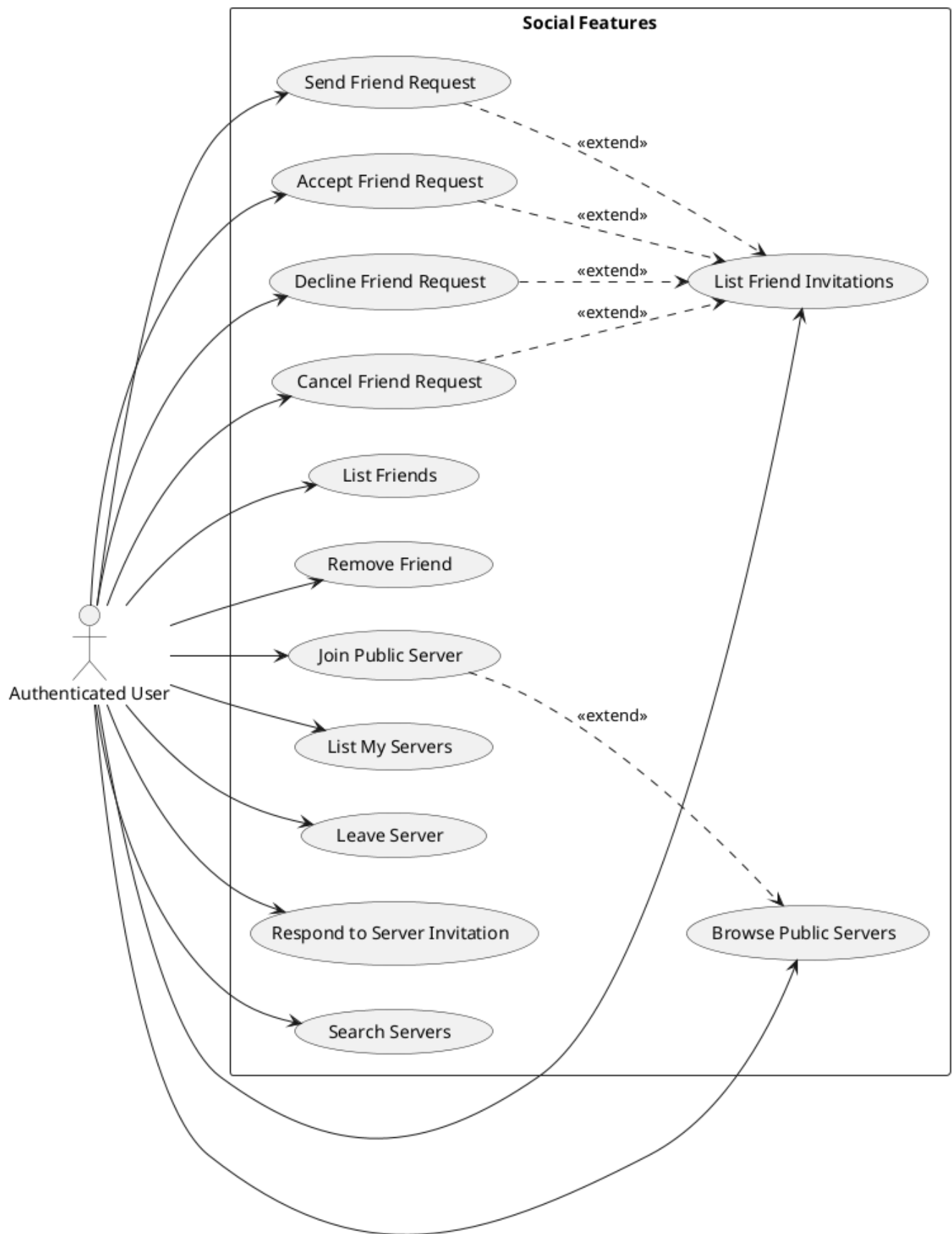
Chatting

This diagram shows the use cases related to chat functionality.

Chat System

- Create Channel
- Delete Channel
- List My Channels
- Join Channel
- Leave Channel
- Add User to Channel
- Send Message
- Delete Message
- Edit Message
- View Message History
- Pin Message
- Send File
- Search Messages

«extend» (Send File → Send Message)

«extend» (Search Messages → View Message History)

Authenticated User

Server Management

This diagram shows the roles and capabilities within server management.

Server Functions

- Update Own Nickname
- Attach File to Message
- Update Member Nickname
- Edit Message
- Send Message
- Set Invitation Expiry
- Invite User
- Create Invitation
- Search Channel Messages
- View Channel Messages
- Update Role
- Delete Role
- List Channels
- List Roles
- Assign Role
- Create Role
- Create Channel
- Update Channel
- Delete Channel
- Set Channel Permissions
- Kick Member
- Add Role to Member
- Remove Role from Member
- List Server Members
- Mute Member
- Ban Member
- Delete Server
- Update Server Settings
- Delete Message
- Pin Message

Actors: Server Member, Nickname Changer, File Attacher, Nickname Manager, Message Sender, Invitation Manager, Channel Viewer, Role Manager, Channel Manager, Server Manager, Member Manager, Message Manager, Administrator